

ABSTRACT OF THE DISCLOSURE

5 A swirl chamber used in association with a combustion chamber
for diesel engines, includes a pair of sub-nozzle holes on the opposite
sides of a main nozzle hole to supply a secondary air into the swirl
chamber, the sub-nozzle holes being positioned such that the
secondary air ejected therethrough is fully utilized for the
10 combustion in the swirl chamber, thereby securing the complete
combustion and the reduction of environmental contaminants such
as NO_x and fumes.